INITIAL REVIEW ENGINEERING REPORT LVE: 13-0727	
Focus Ready Draft 10/31/2013 ENGINEER: PV (kg/yr):	
SUBMITTER:	
USE:	
OTHER USES:	
MSDS: Yes	Label: No
	Label: No
MSDS: Yes Gen Eqpt:	Label: No
	Label: No
Gen Eqpt:	Label: No
Gen Eqpt:	Label: No
Gen Eqpt:	Label: No
Gen Eqpt: Respirator:	Label: No
Gen Eqpt: Respirator:	Label: No
Gen Eqpt: Respirator:	Label: No

CRSS (10/21/2013):

Chemical Name:

S-H20: VP:

MW:

Physical State and Misc CRSS Info:

Neat: Mfg: Proc/Form: Solution,

End

Use:

. Submitted data:

EPI estimated data (input MP = 99 °C): BP = 209 °C; VP = 0.04 torr; WS = 382 g/L; log P = -0.90. ACD Labs estimated data (STN pprop): BP = 231 °C; VP = 9.65E-2 torr; WS = 170 g/L; log P = -1.040.

Consumer Use: No

SAT (concerns) (10/22/2013):
Related Cases and Misc SAT Info:

Migration to groundwater:

PBT rating: P2B1T2

Health: 2 Dermal, Drinking Water, Inhalation

Eco: 1 No releases to water

OCCUPATIONAL EXPOSURE RATING:
NOTES & KEY ASSUMPTIONS: Generated by the 09/30/2013 version of ChemSTEER. LVE is import only at a binding PV of After import, LVE is formulated into F
see contact report. /// LVE is imported as a , therefore,
addition, the LVE is ; therefore,
assessed. /// No same submitter past cases are found. Similar use (battery electrolyte) past cases from different submitter referenced
for consistency are For and
the occurs at
Those two most good indicated
These two past cases indicated the , and all other
. Further, these past cases stated the
which would not result in worker exposure.
For, the past case assessed release to at at and dermal exposure to
(consistent with this IRER).

POLLUTION PREVENTION CONSIDERATIONS:

No Pollution Prevention information provided by the submitter. ${\tt EXPOSURE-BASED}$ REVIEW: No

LVE: 13-0727	
Number of Sites/ Location:	
Days/yr:	
Basis: Per submission,, avg. batch size of	
Process Description: LVE> inspection> storage> blending, blended	d with
>	

ENVIRONMENTAL RELEASES ESTIMATE SUMMARY

IRER Note: The daily releases listed for any source below may coincide with daily releases from the other sources to the same medium.

Conservative: from ■ site
or from or
to: Dust Model)
from: Unloading Solid Raw Material from Transport Containers basis:
LVE is imported as a .
Output 2: from
to:
from: Equipment Cleaning Losses of Liquids from a Single, Vessel
basis:
Typical: from
or or see a second seco
Worst Case: from
or or
from: Loading Product into Drums
from: Loading Product into Drums basis:
Output 2: from
to: (submission/tech. contact) - CEB assumes or
(Submission, coon: concact, class and
from: Equipment Cleaning Losses of from a Single, Vessel
basis: User-Defined Loss Rate Model. For each batch, submission
estimates of LVE from is collected,
and Per technical contact,
Based on the
•
Output 2: from from
to: or from or (tech. contact)
from: Cleaning from Containers Used to Transport
the Raw Material

basis:	EPA/OPPT				Containers	Model,
		Per	technica	l contact,		

RELEASE TOTAL

- all sites

OCCUPATIONAL EXPOSURES ESTIMATE SUMMARY
Tot. # of workers exposed via assessed routes:
Basis:

(volatile) Exposure to Typical: > Potential Dose Rate: over > Lifetime Average Daily Dose: over > Average Daily Dose: over > Acute Potential Dose: over Worst Case: > Potential Dose Rate: > Lifetime Average Daily Dose: over > Average Daily Dose: over > Acute Potential Dose: over Number of workers (all sites) with inhalation exposure: Basis: Unloading Solid Raw Material from Transport Containers; , less than of containing the PMN handled per site-day. (including or NOTE: The respirator class is: INHALATION MONITORING DATA REVIEW Uncertainty (estimate based on model, regulatory limit, or data not specific to industry): Yes 2)a) Exposure level > 1 mg/day? OR b) Hazard Rating for health of 2 or greater? 2 Yes => Inhalation Monitoring Data Desired? No Exposure to (volatile) Typical: > Potential Dose Rate: over > Lifetime Average Daily Dose: > Average Daily Dose: over > Acute Potential Dose: over Worst Case: > Potential Dose Rate: over > Lifetime Average Daily Dose: over > Average Daily Dose: over > Acute Potential Dose: over Number of workers (all sites) with inhalation exposure: Basis: Loading Product into Drums; EPA/OPPT Mass Balance Model. NOTE: The respirator class is: (all substances in the form). INHALATION MONITORING DATA REVIEW Uncertainty (estimate based on model, regulatory limit, or data not specific to industry): Yes 2)a) Exposure level > 1 mg/day?

Inhalation:

OR b) Hazard Rating for health of 2 or greater? 2 Yes => Inhalation Monitoring Data Desired? No Dermal: Exposure to at concentration High End: > Potential Dose Rate: over > Lifetime Average Daily Dose: > Average Daily Dose: > Acute Potential Dose: over Number of workers (all sites) with dermal exposure: Basis: Unloading Raw Material from Transport Containers; EPA/OPPT Direct 2-Hand Dermal Contact with Exposure to at concentration High End: > Potential Dose Rate: > Lifetime Average Daily Dose: over > Average Daily Dose: over

Number of workers (all sites) with dermal exposure:

over

■ into Drums; EPA/OPPT 2-Hand Dermal Contact

> Acute Potential Dose:

Basis: Loading ■

with

LVE: 13-0727	
Use:	
Number of Sites/ Location: ■	
unknown site(s)	
Days/yr:	
Basis: Per submission, operation at the use rate of	CEB assumes and calculates a LVE
Process Description: > customer site> filled into	containing LVE
(submission)	

ENVIRONMENTAL RELEASES ESTIMATE SUMMARY

INITIAL REVIEW ENGINEERING REPORT

IRER Note: The daily releases listed for any source below may coincide with daily releases from the other sources to the same medium. Unknown release assessed to uncertain media.

High End: from from
or or
to:
from: Cleaning Residuals from Drums Used to Transport the Raw Material
basis: EPA/OPPT Drum Residual Model, CEB standard 3% residual.
Congonyativa
Conservative: from
to:
from: Equipment Cleaning Losses of from a Single, Vessel
basis: EPA/OPPT Single Vessel Residual Model, CEB standard 1% residual.
Typical: from
or or worst Case: from
to:
from: Unloading Raw Material from Drums
basis:
Output 2: from
or or
to:
from: Cleaning Residuals from Drums Used to Transport the Raw Material
basis:
Output 2: from
or or
to:
from: Equipment Cleaning Losses of Liquids from a Single, Vessel
, <u> </u>
basis:
RELEASE TOTAL - all sites
dir brock

OCCUPATIONAL EXPOSURES ESTIMATE SUMMARY
Tot. # of workers exposed via assessed routes:
Basis:

Exposure to (volatile) Typical: > Potential Dose Rate: > Lifetime Average Daily Dose: > Average Daily Dose: Worst Case: > Potential Dose Rate: > Lifetime Average Daily Dose: > Average Daily Dose: > Average Daily Dose: > Average Daily Dose: Number of workers (all sites) with inhalation exposure: Basis: Unloading Liquid Raw Material from Drums;	yr
NOTE: The respirator class is:	
Note: The respirator crass is:	
<pre>INHALATION MONITORING DATA REVIEW 1) Uncertainty (estimate based on model, regulatory limit, or data not specific to industry):</pre>	
Dermal:	
Exposure to atconcentration High End: > Potential Dose Rate: > Lifetime Average Daily Dose: > Average Daily Dose: > Acute Potential Dose: Number of workers (all sites) with dermal exposure:	
Basis: Unloading Liquid Raw Material from Drums; EPA/OPPT 2-Hand Contact with Model.	Dermal

Inhalation:

MEMORANDUM of CBI TELEPHONE CONVERSATION

CALL BY:

Organization:

CALL TO:

Organization:

Date: 10/23/2013

Time: 8:20AM

Phone:

Concerning what TSCA CBI?

LVE: 13-0727

